

Yorkshire Dales National Park

Forecast valid from 00:00 on Sunday 16 Apr 2023 until 23:59 on Monday 17 Apr 2023

Forecast Issued on Saturday 15 Apr 2023 at 16:08

Confidence: High for fairly settled conditions, with cloudy days on Sunday and Monday. Lower confidence for fog and cloud details.

Headline for Sunday 16 Apr 2023: Low cloud through much of the day, with some rain and drizzle early.

Mountain weather hazards on Sunday 16 Apr 2023

Blizzards

No Likelihood

Heavy persistent snow

No Likelihood

Storm force winds

No Likelihood

Gales

No Likelihood

Severe chill effect

No Likelihood

Poor visibility

Medium Likelihood

Thunderstorms

No Likelihood

Heavy persistent rain

No Likelihood

Strong sunlight

No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
							
Cloudy	Cloudy	Cloudy	Dull	Dull	Dull	Cloudy	Cloudy
Precipitation probability							
10%	30%	50%	20%	20%	20%	10%	10%

Forecast for Sunday 16 Apr 2023

Weather: Medium to high cloud quickly thickens and lowers from the west, with some patchy light rain or drizzle possible during the morning, mainly for western upslopes. Drier through the rest of the day but staying cloudy, with perhaps some breaks forming into the evening, mainly in the east.

Chance of cloud-free hill tops above 600m: 30% for western parts. 70% in east.

Low Cloud and visibility: Low cloud pushing in from the west during the morning, extensive in the west with bases down to around 600m. Still a cloudy day for eastern parts of the park with cloud likely to drop below summits at times, but generally expected to see best of the conditions. Visibility generally OK under overcast skies, becoming good or very good for eastern parts during the afternoon in any breaks. Dropping to poor or very poor in low cloud and early morning rain/drizzle.

Forecast for Sunday 16 Apr 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/15 SE	7/14 S	6/11 S	9/13 S	9/13 S	8/12 S	6/8 S	4/6 S	4/6 SE
300	2/10 SE	2/10 SW	2/8 SE	5/10 S	7/12 S	6/11 S	4/6 SW	2/4 S	2/5 SE
Valley	4/8 E	2/8 S	3/7 E	4/8 S	5/9 SW	5/9 SW	3/4 SW	2/4 E	3/6 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/3	5/3	5/2	5/2	7/4	8/6	8/6	7/6	7/5
300	6/5	6/5	6/5	8/7	10/8	11/10	10/10	8/8	8/7
Valley	8/7	8/7	8/7	9/9	11/10	12/11	11/11	9/9	9/8
Freezing Level*	1300m	1400m	1900m	2100m	2200m	2100m	2100m	2100m	2000m

*Level above which ground is expected to be frozen/snow is expected to settle.

Meteorologist's View

Nothing of note.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sat 15 Apr 2023	3.2mm	10.6mm	26mm

Forecast for Monday 17 Apr 2023

Weather: Low cloud across most of the park through early Monday morning, with the odd spot of light rain possible. Cloud breaking and lifting through the morning, with clear skies and sunshine developing into the afternoon. Low cloud and fog may push into eastern slopes late into the evening

Maximum wind: Southeasterly 10mph.

Chance of cloud-free hill tops above 600m: 60% early, improving to greater than 95% later.

Low Cloud and visibility: Occasional low cloud at first, with bases down to around 500-600m. Lifting to above the summits through the morning, with clear skies later. Visibility generally good to start, falling to poor or very poor in low cloud, and then becoming excellent through the afternoon as skies clear.

Temperature: **Valleys:** Plus 7 Celsius, rising to Plus 13 Celsius.
At 600m: Plus 6 Celsius, rising to Plus 10 Celsius.
Freezing level: Comfortably above the summits.